

Q1) Identify at least four use cases for the buyer of BookExchange and perform a CRUD (Create-Read-Update-Delete) analysis table. You can use a text editor (e.g., Microsoft Word or LibreOffice) to present the table.

A1) The CRUD analysis table for buyer is shown below.

	SellerAccount	BuyerAccount	Order	PhysicalBook	BookonOrder
Search for book	Read(R)			Read(R)	
Open account		Create(C)			
Purchase a book	Update(U)	Update(U)	Create(C) Update(U)	Update(U)	Create(C) Update(U)
Enter problem with purchase	Update(U)				Update(U)
Enter satisfaction code	Update(U)				

Assumptions:

- 1) When the buyer enters a problem with the purchase the seller is notified of it in some way.
- 2) The buyer reads the sellers service rating when they are searching for a book.
- 3) The class BookonOrder is updated twice, once to update the date the email was sent to seller and once to update when the book was shipped.